

26 cont.
effective to induce a protective immune response against *L. intracellularis* or related microorganism, said polynucleotide comprising a sequence at least 40% similar to a sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:3, SEQ ID NO:5, SEQ ID NO:6, SEQ ID NO:8, SEQ ID NO:11, SEQ ID NO:13, SEQ ID NO:15, SEQ ID NO:17, SEQ ID NO:18, SEQ ID NO:19, SEQ ID NO:20, SEQ ID NO:21 and SEQ ID NO:22.

Please add the following new claim:

add
91. (New) An isolated polynucleotide comprising a sequence at least 40% identical to a sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:3, SEQ ID NO:5, SEQ ID NO:6, SEQ ID NO:8, SEQ ID NO:11, SEQ ID NO:13, SEQ ID NO:15, SEQ ID NO:17, SEQ ID NO:18, SEQ ID NO:19, SEQ ID NO:20, SEQ ID NO:21 and SEQ ID NO:22.

REMARKS

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The Specification and Claims have been amended to conform with the rules of practice before the Patent and Trademark Office. Section headers have been inserted into the Specification to clearly define the different parts of the Specification. Material corresponding to the Brief Description of the Drawings has been deleted from page 17 and inserted on page 10 immediately before the section of the Specification entitled, Detailed Description of the Preferred Embodiment. The word "CLAIMS" at the top of page 73 has been deleted and substituted by "WHAT IS CLAIMED IS:" so that subsequently appearing claims will be the object of a sentence as specified by MPEP § 608.01(m). Claims 63-76 and 78-90 have been canceled. Claims 1-32, 37, 40 and 77 have been amended to more precisely claim the

invention according to conventional practice before the U.S. Patent and Trademark Office. New Claim 91 has been added to substantially encompasses the subject matter of canceled Claims 63-76. Claim 77 has been amended to substantially embrace the subject matter of canceled Claims 78-90. As a result of these amendments, Claims 1-62, 77 and 91 are presented for examination. No new matter is being added herewith. Should there be any questions concerning this application, the Examiner is respectfully invited to contact the undersigned attorney at the telephone number appearing below.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

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